

Title (en)

DRIVE DEVICE FOR DRIVING VOLTAGE-DRIVEN ELEMENT

Title (de)

ANTRIEBSVORRICHTUNG FÜR EIN SPANNUNGSBETRIEBENES ELEMENT

Title (fr)

DISPOSITIF DE COMMANDE PERMETTANT DE COMMANDER UN ÉLÉMENT COMMANDÉ EN TENSION

Publication

EP 2712086 A4 20141210 (EN)

Application

EP 11796602 A 20110519

Priority

JP 2011061563 W 20110519

Abstract (en)

[origin: EP2712086A1] A controller of a drive unit is configured so as to control a voltage supplied to a gate resistor of a voltage-driven element by using of a voltage of a feedback connector when an electrical connection between the feedback connector and the gate resistor of the voltage-driven element is ensured. Further, the controller of the drive unit is configured so as to control the voltage supplied to the gate resistor of the voltage-driven element by using of a voltage of an output connector when the electrical connection between the feedback connector and the gate resistor of the voltage-driven element is not ensured.

IPC 8 full level

H03K 17/687 (2006.01); **H02M 1/08** (2006.01); **H03K 17/00** (2006.01); **H03K 17/14** (2006.01)

CPC (source: EP US)

H02M 1/08 (2013.01 - EP US); **H03K 17/04206** (2013.01 - US); **H03K 17/14** (2013.01 - EP US); **H03K 17/163** (2013.01 - EP US); **H03K 17/6877** (2013.01 - EP US)

Citation (search report)

- [A] JP 2006324963 A 20061130 - TOYOTA MOTOR CORP
- [A] US 2009146714 A1 20090611 - NAKAMORI AKIRA [JP], et al
- [A] US 6271709 B1 20010807 - KIMURA SHIN [JP], et al
- See references of WO 2012157118A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2712086 A1 20140326; **EP 2712086 A4 20141210**; **EP 2712086 B1 20160316**; CN 102893525 A 20130123; CN 102893525 B 20131225; JP 5168413 B2 20130321; JP WO2012157118 A1 20140731; US 2014062541 A1 20140306; US 8717068 B2 20140506; WO 2012157118 A1 20121122

DOCDB simple family (application)

EP 11796602 A 20110519; CN 201180002127 A 20110519; JP 2011061563 W 20110519; JP 2011531287 A 20110519; US 201113256858 A 20110519